Page 1 of 11 ATTY. DOCKET NO. APPLICATION NO. 1533.1030002/SRL/SEZ 09/722,441 FORM PTO-1449 JUN 2 2 2001 APPLICANT Hanke et al. TION DISCLOSURE STATEMENT FILING DATE GROUP November 28, 2000 1645 & TRADE! U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS FILING DATE AA1 2,979,439 04/11/1961 Kinoshita et al. 195 47 11/04/1958 KK AB1 3,565,951 02/23/1971 Ishida et al. 260 527 03/20/1967 KK AC1 3,687,810 08/29/1972 Kurihara et al. 195 29 06/08/1970 AD1 3,700,557 10/24/1972 Nakayama et al. 195 29 08/06/1968 AE1 3,707,441 12/26/1972 Shiio et al. 195 29 03/09/1970 KK AF1 3,708,395 01/02/1973 Nakayama et al. 195 29 07/13/1970 KKAG1 3,825,472 07/23/1974 Kubota et al. 195 29 10/02/1973 KKAH1 4,169,763 10/02/1979 Nakayama et al. 435 115 07/11/1977 AI1 4,560,654 12/24/1985 Miwa et al. 435 115 05/07/1981 AJ1 4,861,722 08/29/1989 Sano et al. 435 252.32 06/01/1987 AK1 4,954,441 09/04/1990 435 Katsumata et al. 115 05/25/1989 FOREIGN PATENT DOCUMENTS **EXAMINER** INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes AL1 EP 0 811 682 A2 12/10/1997 Europe No Yes ŘΚ AM1 EP 0 854 189 A2 07/22/1998 Europe No Yes AN1 WO 00/63388 10/26/2000 WIPO X No KK Yes A01 WO 96/34961 11/07/1996 WIPO No Yes VK AP1 EP 0 754 756 A1 01/22/1997 Europe No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Archer, J. and Sinskey, A.J., "The DNA sequence and minimal replicon of the Corynebacterium KK AR glutamicum plasmid pSR1: evidence of a common ancestry with plasmids from $\mathcal{C}.$ diphtheriae, J.<u>1</u> Gen. Microbiol. 139:1753-1759, Cambridge University Press (1993). Ben-Samoun, K. et al., "Positively regulated expression of the Escherichia coli araBAD promoter VK AS in Corynebacterium glutamicum," FEMS Microbiol. Lett. 174:125-130, -Federation of European-1 Microbiological Societies and Elsevier Science B.V. (May 1999). KK Bowie, J.U. $et\ al$, "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," Science 247:1306-1310, American Association for the Advancement of Science ΑТ 1 (1990).EXAMINER DATE CONSIDERED 13/02 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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KK	AB2		36,831	12/25/1990	Sano et al.	435		108	09/25/1989			
VV	AC2			08/17/1993	Katsumata et al.	435		106	02/02/1990			
KK			43,039	09/07/1993	Schendel et al.	536		23.2	04/12/1991			
KK	AD2		26,052	06/20/1995	Flickinger et al.	536		23.2	05/10/1991			
	AE2		31,150	05/20/1997	Harkki et al.	435		105	01/03/1995			
KK.	AF2		50,304	07/22/1997	Ishii et al.	435		115	02/03/1995			
KK_	AG2		61,012	08/26/1997	Sano et al.	435		115	07/01/1994			
<u> </u>	AH2	5,6	88,671	11/18/1997	Sugimoto et al.	435		115	10/27/1995			
KK	AI2	5,69	93,781	12/02/1997	Zupancic et al.	536		24.1	06/15/1993			
KK	AJ2	5,70	00,661	12/23/1997	Katsumata et al.	435		69.1	06/03/1996			
KK	AK2	5,70	07,828	01/13/1998	Sreekrishna et al.	435		69.1	05/03/1995			
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KK	AS	2	Copeland, R. Structure, M	Copeland, R.A., "Cooperativity in Enzyme Catalysis," in Enzymes. A Practical Introduction to Structure, Mechanism, and Data Analysis, pages 279-296, Wiley-VCH, New York (1996).								
KK	AT	<u>2</u>	Cremer, J. et al., "Control of the Lysine Biosynthesis Sequence in Corynebacterium glutamicu Analyzed by Overexpression of the Individual Corresponding Genes," Appl. Environ. Microbiol. 57:1746-1752, American Society for Microbiology (1991).									
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KK	AA4	6,090,597	07/18/2000	Hirano et al.	435	115	05/07/1997			
KK	AB4 AC4	5,605,793	02/25/1997	Stemmer, W.P.C.	435	6	02/17/1994			
VV	AD4	5,643,790	07/01/1997	Morinaga et al.	435	252.3	02/16/1995			
KK		5,591,577	01/07/1997	Tsuchiya et al.	435	6	05/20/1994			
KK	AE4	5,597,727	01/28/1997	Kohama et al.	435	252.32	05/18/1994			
KK	AF4	4,710,471	12/01/1987	Katsumata et al.	435	253	11/05/1984			
KK	AG4	4,757,009	07/12/1988	Sano et al.	435	106	08/28/1984			
KK	AH4	4,778,762	10/18/1988	Miwa et al.	435	320	10/18/1982			
KK	AI4	4,822,738	04/18/1989	Miwa et al.	435	252.3	12/21/1987			
KK	AJ4	5,426,050	06/20/1995	Morinaga et al.	435	252.32	12/16/1993			
N.K.	AK4	4,346,170	08/24/1982	Sano et al.	435	115	07/23/1980			
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Kĸ	AS	Liebl, W. et al., "Transfer of Brevibacterium divaricatum DSM 20297, 'Brevibacterium flavum' DSM 20411, 'Brevibacterium lactofermentum' DSM 20412 and DSM 1412, and Corynebacterium lilium DSM 20137 to Corynebacterium glutamicum and Their Distinction by rRNA Gene Restriction Patterns," Int. J. Syst. Bacteriol. 41:255-260, International Union of Microbiological Societies (1991).								
KK	AT	4 Lonsdale, D. Mol. Biol. R	M. et al., "pFC ep. 13:343-345,	1 to pFC7: A Novel Family of - Kluwer Academic Publishers -	Combinatorial (Cloning Vecto	rs," <i>Plan</i> t			
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<u>KK</u>	AB5	 	00,640	02/19/1985	Katsumata et al.	435		253	04/13/1982		
KK .	AC5		14,502	04/30/1985	Miwa et al.	435		253	06/10/1982		
KK	AD5		59,308	12/17/1985	Nutter et al.	435	-	317	01/27/1983		
KK	AE5		17,267	10/14/1986	Katsumata et al.	435		91	01/25/1984		
KĽ	AF5		29,221	07/27/1999	Kimura et al.	536		23.1	08/22/1996		
KK.	AG5		34,231	11/10/1998	Stoddard et al.	435		42	10/24/1996		
KL	AH5		59,075	05/25/1976	Inuzuka <i>et al</i> .	195		29	07/15/1975		
KK	AI5	5,9	19,694	07/06/1999	Sugimoto et al.	435		252.33	11/10/1997		
<u>KK</u>	AJ5	5,87	76,983	03/02/1999	Sugimoto et al.	435		106	04/29/1996		
<u> </u>	AK5	5,80	04,414	09/08/1998	Moriya et al.	435		69.1	07/01/1996		
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KK	AS	<u>5</u>	Corynebacter	arcel, T. et al., "Nucleotide sequence and organization of the upstream region of the orynebacterium glutamicum lysA gene," Mol. Microbiology 4:1819-1830, Blackwell Scientific ublications (1990).							
KK	АТ	<u>5</u>	glutamicum M	et al., "Microb utants," in <i>Nutr</i> ork, NY, pp. 649	ial Production of Essential Anitional Improvement of Food an	mino Acio nd Feed I	ds with Proteins	Corynebact s, Friedman	<i>erium</i> , ed., Plenum		
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KK	AA6	5,6	40,803	06/24/1997	Kloepper et al.	47		57.6	06/30/1994		
<u> </u>	AB6	5,6	33,154	05/27/1997	Schaefer et al.	435		172.3	11/04/1994		
<u> </u>	AC6	5,5	56,776	09/17/1996	Tsuchiya et al.	435		106	09/23/1994		
KK	AD6	5,54	47,864	08/20/1996	Kawasaki et al.	435		170	09/08/1994		
<u>KĶ</u>	AE6	5,49	98,532	03/12/1996	Katsumata et al.	435		106	12/28/1990		
KK	AF6	5,38	80,657	01/10/1995	Schaefer et al.	435		172.3	03/18/1993		
<u>KĶ</u>	AG6	5,15	58,891	10/27/1992	Takeda <i>et al</i> .	435		320.1	03/13/1990		
L KK	AH6	5,03	34,319	07/23/1991	Azuma et al.	435		114	04/07/1989		
KK	AI6	5,03	34,318	07/23/1991	Miwa et al.	435		108	03/22/1990		
KK	AJ6	4,60	01,983	07/22/1986	Nakamori <i>et al</i> .	435		115	06/15/1983		
KK	AK6	6,20	00,785 B1	03/13/2001	Kreutzer et al.	435		115	07/14/1999		
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JCK	AT 4	<u>6</u>	of Corynebact	atek, M. et al., "Identification and transcriptional analysis of the dapB-ORF2-dapA-ORF4 ope of Corynebacterium glutamicum, encoding two enzymes involved in L-lysine synthesis," Biotechno cett. 19:1113-1117, Chapman & Hall (November 1997).							
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